

11/16/01
APC-2-10

MEMPHIS SHELBY COUNTY HEALTH DEPARTMENT
AIR POLLUTION CONTROL SECTION (MSCHD-APC)



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NOT TO BE USED FOR TITLE V APPLICATIONS

ASPHALT PLANT SOURCE DESCRIPTION

MSCHD RECEIPT DATE

PLEASE TYPE OR PRINT, ATTACH TO THE PERMIT APPLICATION, AND SUBMIT IN DUPLICATE.									
1. ORGANIZATION'S LEGAL NAME					MSCHD-APC FACILITY ID.:				
2. EMISSION SOURCE NUMBER:			SIC CODE: 2951		MSCHD-APC PERMIT ID.:				
3. CLASSIFICATION (CHECK APPROPRIATE BOX)			CONSTRUCTED AFTER APRIL 3, 1972: _____			CONSTRUCTED AFTER APRIL 21, 1976: _____			
WAS THIS PLANT FIRST SET UP IN TENNESSEE			YES: _____ NO: _____		YES: _____ NO: _____		YES: _____ NO: _____		
WAS THIS PLANT MOVED INTO TENNESSEE			YES: _____ NO: _____		YES: _____ NO: _____		YES: _____ NO: _____		
4. PREVIOUS OWNER AND LOCATION (IF ANY):							DATE MOVED:		
5. SOURCE LOCATION	LATITUDE:		LONGITUDE:		UTM VERTICAL:		UTM HORIZONTAL:		
6. NORMAL OPERATION	HOURS/DAY:		DAYS/WEEK:		WEEKS/YEAR:		DAYS/YEAR:		
7. MAXIMUM OPERATION	HOURS/DAY:		DAYS/WEEK:		WEEKS/YEAR:		DAYS/YEAR:		
8. PERCENT ANNUAL THROUGH PUT	DEC.-FEB.:		MAR.-MAY:		JUNE-AUG.:		SEPT.-NOV.:		
9. PLANT TYPE	BATCH:		CONTINUOUS:		PERMANENT:		PORTABLE:		
10. PLANT CAPACITY*	MAX. OPER. RATE (TONS/HOUR)				ANNUAL PRODUCTION TONS/YEAR:		MIXER (TONS/BATCH):		
	DESIGN:		ACTUAL:						
11. ROADS	PAVED (MILES)		UNPAVED (MILES)		OILED (MILES)		WATERED (MILES & FREQUENCY)		
PLANT YARD									
ACCESS ROADS									
12. STOCKPILES	ESTIMATED ANNUAL (TONS)	TURNOVER RATE (TONS/MONTH)	NUMBER OF SIDES ENCLOSED		RECEIVED DAMP	WETTED AS RECEIVED	DUST CONTROL METHOD (SPECIFY)		
CRUSHED ROCK									
GRAVEL									
OTHER (SPECIFY)									
OTHER (SPECIFY)									
13. ARE THE EXHAUSTS FROM SECONDARY SOURCES OF DUST (E.G. ELEVATORS, SCREENS, AND BIN DISCHARGES) MANIFOLDED TO THE SAME POINT AS THE DRYER EXHAUST GASES?								YES:	NO:

* ATTACH A SKETCH OF THE PLANT SHOWING STORAGE PILES, BINS, FEEDERS, CONVEYORS, ROTARY DRYERS, ELEVATORS, SCREENS, HOT BINS, MIXERS, PRODUCT DISCHARGES, CONTROL EQUIPMENT, AND PERTINENT PROCESS EQUIPMENT. ALSO INDICATE LOCATION AND APPROXIMATE LENGTHS OF BOTH PLANT AND ACCESS ROADS. SHOW PAVED AND UNPAVED PORTIONS OF EACH AS WELL AS PORTIONS WATERED, OILED, ETC., WITH APPROXIMATE MILEAGE LENGTHS INDICATED ON SKETCH.

(OVER)

14. FUEL DATA		PRIMARY FUEL TYPE (SPECIFY):				STANDBY FUEL TYPE(S) (SPECIFY):			
FUEL	ANNUAL USAGE	USAGE PER TON OF ASPHALT		% SULFUR	% ASH	BTU VALUE OF FUEL	(FOR APC USE ONLY) SCC CODE		
		AVERAGE	MAXIMUM						
NATURAL GAS	10 ⁶ FT ³ :	FT ³ :	FT ³ :			1,000 BTU/FT ³			
#2 FUEL OIL	10 ³ GAL:	GAL:	GAL:						
#5 FUEL OIL	10 ³ GAL:	GAL:	GAL:						
#6 FUEL OIL	10 ³ GAL:	GAL:	GAL:						
LIQUID PROPANE	10 ³ GAL:	GAL:	GAL:			85,000 BTU/GAL			
OTHER:									
15. STACK OR EMISSION POINT DATA		HEIGHT (FT) ABOVE GRADE:	DIAMETER:	TEMPERATURE (°F):	DIRECTION OF EXIT (UP, DOWN, OR HORIZ):		DISTANCE TO NEAREST PROPERTY LINE (FT):		
DATA AT EXIT CONDITIONS		FLOW (ACTUAL FT ³ /MIN):	VELOCITY (FT/SEC):		MOISTURE (GRAINS/FT ³)		MOISTURE (%):		
DATA AT STANDARD CONDITIONS		FLOW (DRY STANDARD. CUBIC FEET PER MINUTE):							
16. AIR CONTAMINANTS	AVERAGE (LBS/HR)	MAXIMUM (LBS/HR)	CONCENTRATION	AVERAGE (TONS/YR)	MAXIMUM (TONS/YR)	EMISSIONS EST. METHOD*	CONTROL* DEVICES	CONTROL*** EFFICIENCY %	
PARTICULATES			**						
SULFUR DIOXIDE			PPM						
CARBON MONOXIDE			PPM						
ORGANIC COMPOUNDS			PPM						
NITROGEN OXIDES			PPM						
OTHER (SPECIFY)									
17. COMMENTS:									

* REFER TO THE BACK OF THE PERMIT APPLICATION FORM FOR ESTIMATION METHOD AND CONTROL DEVICE CODES.

** EXIT GAS PARTICULATE CONCENTRATION UNITS - GRAINS/DRY STANDARDS FT (70°F).

*** SUPPLY VENDOR NAME AND GUARANTEED CONTROL EFFICIENCY, OR GRAIN LOADING GUARANTEE.